

ER-2 #806 06/21/16

Aircraft:

[ER-2 #806 \(See full schedule\)](#)

Flight Number:

16-6031

Payload Configuration:

AVIRIS-C and MASTER

Nav Data Collected:

Yes

Total Flight Time:

8.1 hours

Comments:

806 took off at 1054L and landed at 1900 for an 8.1 hour flight duration. No instrument issues until the R2 fail light for MASTER came on before descent to landing. The ER-2 flew the Soda Straw line, the Yosemite Box (YB), then proceeded to clean up the San Francisco Box lines that had some clouds over the southern section yesterday. The three western lines turned south at Point Reyes. The 4th and 5th lines covered the southern 20% of the lines. The SF Bay was sky clear.

Overall, today was another successful HysplRI flight.

Submitted by:

Kevin Walsh on 06/23/16

Flight Segments:

From:	PMD	To:	PMD
Date:	06/21/16		
Flight Time:	8.1 hours		
Log Number:	162034	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		

Flight Hour Summary:

	162034	172036
Flight Hours Approved in SOFRS	45	
Flight Hours Previously Approved		9.9
Total Used	35.1	46.6
Total Remaining		-36.7

172036 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
06/07/17	17-6039	Science	5.7	5.7	4.2
06/09/17	17-6040	Science	3.1	8.8	1.1
06/12/17 - 06/13/17	17-6041	Science	7.6	16.4	-6.5
06/13/17	17-6042	Science	6.6	23	-13.1
06/14/17	17-6043	Science	5.8	28.8	-18.9
06/20/17	17-6044	Science	5.3	34.1	-24.2
06/22/17	17-6045	Science	5.2	39.3	-29.4
06/28/17	17-6047	Science	7.3	46.6	-36.7

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Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

162034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
06/09/16	16-6026	Science	4.7	4.7	40.3
06/15/16	16-6027	Science	3	7.7	37.3
06/16/16	16-6028	Science	7.6	15.3	29.7
06/17/16	16-6029	Science	5.1	20.4	24.6
06/20/16	16-6030	Science	6.6	27	18
06/21/16	16-6031	Science	8.1	35.1	9.9